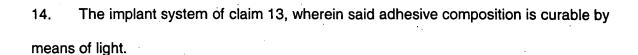
## **CLAIMS**

## What is claimed is:

- 1. An orthodontic implant system for tooth mobilization, comprising:
- an implant having a shaft which can be implanted in a jawbone, and a head adjoining said shaft at one end of said shaft;
- fastening means on said head of said implant for fixing at least one elongate tensioning/retaining element on said head, said fastening means having at least one elongate recess for receiving a section of said at least one tensioning/retaining element, said recess being formed on said head and extending substantially transversely to a longitudinal axis of said shaft and being open on at least one side of said head;
- a curable adhesive composition for fixing said section of said at least one tensioning/retaining element in said at least one recess.
- 2. The implant system of claim 1, wherein said at least one recess is formed as a slit recessed at a free end of said head.
- 3. The implant system of claim 2, wherein a depth of said slit is such that said slit can receive at least two tensioning/retaining elements one above the other.
- 4. The implant system of claim 1, wherein said at least one recess is formed as a borehole in said head.
- 5. The implant system of claim 1, wherein said fastening means have at least two recesses.

- 6. The implant system of claim 5, wherein said at least two recesses cross one another.
- 7. The implant system of claim 6, wherein said at least two recesses cross one another at right angles.
- 8. The implant system of claim 1, wherein a free end of said head has a coning which tapers toward said free end of said head, with said at least one recess being formed in said coning.
- 9. The implant system of claim 8, wherein a radially inwardly directed undercut adjoins said coning at an end opposite to said tapered free end.
- 10. The implant system of claim 1, wherein said shaft has a thread for screwing into the jawbone, and a polygon is formed around said head to fit a corresponding tool.
- 11. The implant system of claim 1, wherein said shaft and said head are formed together in one piece.
- 12. The implant system of claim 1, wherein said head and said shaft are fabricated from a rod-like solid material in a material-removing process.
- 13. The implant system of claim 1, wherein said adhesive composition is in ductile form before application to said head and can be cured after application.



- 15. An orthodontic implant system for tooth mobilization, comprising:
- an implant having a shaft which can be implanted in a jawbone, and a head adjoining said shaft at one end of said shaft;
- elongate tensioning/retaining element on said head, said fastening means having at least one elongate recess for receiving a section of said at least one tensioning/retaining element, said recess being formed on said head and extending substantially transversely to a longitudinal axis of said shaft and being open on at least one side of said head, said at least one recess being formed as slit recessed at a free end of said head, and a depth of said slit being such that said slit can receive at least two tensioning or retaining elements one above the other;
- a curable adhesive composition for fixing said section of said at least one tensioning/retaining element in said at least one recess.
- 16. The implant system of claim 15, wherein a free end of said head has a coning which tapers toward said free end of said head, with said at least one recess being formed in said coning.
- 17. The implant system of claim 16, wherein a radially inwardly directed undercut adjoins said coning at an end opposite to said tapered free end.
- 18. The implant system of claim 15, wherein said fastening means have at least two recesses.